

**PATENT APPLICATION**

Sheet 1 of 3

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	<b>200314202-1</b>		
	APPLICANT		
	<b>WEI, Qingqiao</b>		
	FILING DATE	GROUP	
	<b>03-23-2004</b>		

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/BJS/	1A	20030205078A	11-06-2003	Hasei et al.	
	1B	6,627,964B2	09-30-2003	Nakashima et al.	
	1C	20030153088A	08-14-2003	DiMeo, Jr. et al.	
	1D	20030139003A	07-24-2003	Gole et al.	
	1E	6,596,236B2	07-22-2003	DiMeo, Jr. et al.	
	1F	20030121764A	07-03-2003	Yang et al.	
	1G	20030113714A	06-19-2003	Belcher et al.	
	1H	20030089899A	05-15-2003	Lieber et al.	
	1I	20020130311A	09-19-2002	Lieber et al.	
	1J	20020117659A	08-29-2002	Lieber et al.	
	1K	6,265,222B1	07-24-2001	DiMeo, Jr. et al.	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
/BJS/	1L	WO2003046536	06-05-2003	Sony International		
/BJS/	1M	EP0711410B1	03-26-1997	IBM Corp.		
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

/BJS/	1Q	S. NAKATA et al., "Field effect transistor type NO2 sensor combined with NaNO2 auxiliary phase," Sensors and Actuators B 77 (2001) pp. 512-516
/BJS/	1R	D. BRIAND et al., "A Low-Power Micromachined MOSFET Gas Sensor," J. Microelectromechanical Systems, 9(3), Sept 2000, pp. 303-308
/BJS/	1S	S. TRAUTWEILER et al., "New Silicon-Based Metal-Oxide Chemical Sensors" Sensors Magazine, V16(9), Sept. 1999, p. 109 ff.

EXAMINER /Brian Sines/ (04/12/2007)

DATE CONSIDERED

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Sheet **2** of **3**

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<b>FILING DATE</b> <b>03-23-2004</b>		<b>GROUP</b>	

**REFERENCE DESIGNATION                      U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/BJS/	1A	5,731,510B	03-24-1998	Jones et al.	
/BJS/	1B	4,020,830B	05-03-1977	Johnson et al.	
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

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	1L					
	1M					
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

/BJS/	1Q	M.B. STERN et al., "Nanochannel fabrication for chemical sensors." J. Vac. Sci. Technol. B 15(6), Nov/Dec 1997, pp. 2887-2891
/BJS/	1R	G. F. BLACKBURN, "Chemically sensitive field effect transistors," Ch. 26 of A. P. F. Turner et al. (eds) "Biosensors: Fundamentals and Applications," Oxford U.P., Oxford (1987) pp. 481-530
/BJS/	1S	I. LUNDSTROM et al., "Gas Sensors Based on Catalytic Metal-Gate Field-Effect Devices," Sensors and Actuators 10 (1986) pp. 399-421

EXAMINER                      /Brian Sines/ (04/12/2007)

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<b>APPLICANT</b> <b>WEI, Qingqiao</b>			
<b>FILING DATE</b> <b>03-23-2004</b>		<b>GROUP</b>	

**REFERENCE DESIGNATION                      U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
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	1L					
	1M					
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

/BJS/	1Q	J. JANATA et al. "Chemically Sensitive Field Effect Transistors," Ch. 3 of H. Freiser (ed.) "Ion-Selective Electrodes in Analytical Chemistry - Vol. 2" Plenum Press, New York (1980) pp. 107-174
	1R	
	1S	

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/Brian Sines/ (04/12/2007)

DATE CONSIDERED



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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*(Use as many sheets as necessary)*

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**Complete if Known**

<b>Application Number</b>	<b>10/807,932</b>
<b>Filing Date</b>	<b>03/23/2004</b>
<b>First Named Inventor</b>	<b>Qingqiao WEI</b>
<b>Art Unit</b>	<b>1756</b>
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	<b>200314202-1</b>

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Brian Sines/ (04/12/2007)	Date Considered	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/807,932
Filing Date	03/23/2004
First Named Inventor	Qingqiao WEI
Art Unit	1756
Examiner Name	
Attorney Docket Number	200314202-1

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/BJS/		Bradley et al. "Influence of Mobile Ions on Nanotube Based FET Devices", Nano Letters, American Chemical Society, vol.3, no.5, 2003.	
/BJS/		Star et al. "Interaction of Aromatic Compounds with Carbon Nanotubes: Correlation to the Hammett Parameter...", Nano Letters, American Chemical Society, vol.3, no.10, 2003.	
/BJS/		Li et al. "Carbon Nanotube Sensors for Gas and Organic Vapor Detection", Nano Letters, American Chemical Society, vol.3, no.7, 2003.	
/BJS/		Search Report for European Patent Application No. EP05251552. Search completed June 28, 2005.	

Examiner  
Signature

/Brian Sines/ (04/12/2007)

Date  
Considered

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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